



1. INFORMATION SHOWN ON THIS PLAN IS FROM THE FOLLOWING SOURCES:
A. MATTHEW U.S.G.C. MAPS;
B. OPERATION SCARLETT REPORT OF NEWPORT CREEK;
C. LUZERNE COUNTY TAX MAPS;
D. FIELD INVESTIGATIONS APRIL 1992; AND
E. BUREAU OF MINES TECHNICAL PAPER 777.
2. THE PROPOSED MINING AREAS HAVE BEEN PREVIOUSLY AFFECTED BY PRE-ACT SURFACE AND DEEP MINING ACTIVITIES.
3. ANY NEW HAIL ROADS CONSTRUCTED WITHIN THE MINING AREAS WILL UTILIZE ROADSIDE DIVERSION/TURNOUTS, AS NEEDED (SEE MODULE 12).
4. ALL EXISTING ROADS ARE CURRENTLY USED AND WILL REMAIN AFTER MINING ACTIVITIES ARE COMPLETE.
5. THE BOTTOM ROSS THROUGH MILLS COAL SEAMS WILL BE MINED USING THE MODIFIED BOX CUT METHOD OF MINING.
6. ALL SURFACE MINING IS PRESENTLY CONTROLLED BY THE DISTURBED SURFACE CONDITIONS. EROSION AND SEDIMENTATION CONTROL WILL BE BY ON-SITE SEDIMENT TRAPS (SEE MODULES 10, 12, AND 18).
7. DETAILED GEOLOGICAL INFORMATION AND LIMITS OF DEEP MINE WORKINGS ARE SHOWN IN MODULE 7.
8. THIS APPLICATION INCLUDES VARIANCES TO CONDUCT MINING ACTIVITIES WITHIN 100 FEET OF STATE ROUTE 300A AND THE UNKOWN STREAM AS SHOWN (SEE MODULES 10 AND 13).
9. IT IS PROPOSED TO UTILIZE PRIOR APPROVED SOURCES OF FILL ASH/BOTTOM ASH AS BACKFILL MATERIAL WITHIN PERMITTED AREAS (SEE MODULE 23).
10. THE MONITORING WELLS SHOWN WILL BE MONITORED UPON THE DEPARTMENT'S APPROVAL OF THE PROPOSED MONITORING PROGRAM AND PRIOR TO ANY ASH DISPOSAL ACTIVITIES (SEE MODULES 8 AND 25).
11. THE PROPOSED ASH DISPOSAL ACTIVITIES WILL BE IN ACCORDANCE WITH MODULE 25.
12. CROSS-SECTIONS ARE SHOWN ON EXHIBITS 9.2 AND 25.11.c.
13. GROUND WATER MONITORING WILL BE CONDUCTED AT MONITORING POINTS MW-3D AND MW-4U.
14. EXISTING INTERMITTENT SEEP FROM THE GLEN LYON MINE POND MP-1D WILL BE MONITORED IN ACCORDANCE WITH MODULE 26, MINING.

- S.M.P. LIMIT - 1325 ACRES
1000 FOOT LIMIT
PROPERTY LINE
PROPERTY NOT INCLUDED IN PERMIT
RESTRICTED AREA HIGHWAY/CEMETERY/STREAM
VARIANCE AREA HIGHWAY/STREAM
PROPOSED MINING PHASES - 1 THROUGH 7
MINE POOL LIMITS
EXISTING BARRIER PILLARS
LIMITS OF DEEP MINE WORKINGS
EXISTING COMMON USE ROADS
SURFACE IMPOUNDMENTS

- STREAMS
EXISTING PITS/SPOIL/REFUSE PILES
POLLUTION ABATEMENT AREAS
PROPERTY OWNERSHIP (SEE MODULE 5)
EXISTING BUILDING
BACKGROUND MONITORING POINT
PROPOSED MONITORING WELL (SEE MODULE 25)
SEDIMENT TRAP
COLLECTION CHANNEL
DIVERSION

- EXISTING DISCHARGE MONITORING POINT (SEE MODULE 25)
EXISTING INTERMITTENT SEEPS FROM GLEN LYON MINE POND (SEE MODULE 26)
EXISTING DEEP MINE OPENINGS (ABANDONED)
VEIN OUTCROP
VEIN - NO OUTCROP
PHASE 1 BONDING REQUIREMENTS
MINING AT 85' ASH DISPOSAL AREA 10 AC.
SUPPORT/ASH DISPOSAL AREA 40 AC.

- LIMIT SMP 40763204
SILVERBROOK ANTHRACITE
LIMIT BONDED AREA
SMP 40763204
LIMIT SMP 40900203
SILVERBROOK ANTHRACITE
LIMIT BONDED AREA
SMP 40900203
LIMIT SMP 40880101
SILVERBROOK ANTHRACITE
LIMIT BONDED AREA
SMP 40880101

LEGEND

REVISION	DATE	REVISIONS PER DER REVIEW	DESCRIPTION	MTG	BY
1	03/25/93				

SUSQUEHANNA COAL COMPANY		DATE	08/18/92
GLEN LYON PERMIT		SCALE	1" = 400'
NEWPORT TOWNSHIP		DRAWN BY	R.W.F.
LUZERNE COUNTY, PA		APPROVED BY	W.J.P.
EXHIBIT 9.1-OPERATION MAP (GENERAL)		DRAWING NO.	8936-2
		SHEET NO.	1 OF 9